I, N	umber	Hits	Search Text	DB	Time stamp
. 1	1	1	5796109.pn.	USPAT	2003/11/04 10:59
2			photocathode near2 scintillat\$7	USPAT	,2003/11/04 11:04
1.3		0	5796109.pn. and cathode	USPAT	2003/11/04 11:05
1 5			5796109.pn. and electron	USPAT	2003/11/04 11:09
16	1	1	5594301.pn. and kovar and glass 5594301.pn. and photomultiplier	USPAT	2003/11/04 11:20 2003/11/04 11:24
7	1	1 !	5594301.pn. and photomultiplier and dynode		1 2003/11/04 11:41
1 8		î.	5504386.pn.	. USPAT	2003/11/04 11:42
1.9	1	1	5504386.pn. and weld\$6	USPAT	2003/11/04 11:53
10	1	0		USPAT	2003/11/04 12:37
1	1		weld\$5		
11		0	6472664.pn. and cylinder.clm.	USPAT	2003/11/04 12:37
12	1	0	6472664.pn. and cylind\$6.clm. 6472664.pn.	USPAT	2003/11/04 12:37
. 14	1		patel-ashok.xp.	USPAT	2003/11/04 12:38
101	1	1926	((313/379) or (313/384) or (313/387) or	USPAT;	2002/10/18 15:01
1	1		(313/528) or (313/532) or (313/541) or	US-PGPUB;	1
1	- 1	- 1		EPO; JPO;	!
1		1	(313/103r) or (313/103cm) or (313/105r) or	DERWENT;	I .
1				IBM_TDB	
1 -				USPAT;	2002/10/18 15:02
3.	i		(313/528) or (313/532) or (313/541) or (313/542) or (313/543) or (313/544) or	US-PGPUB;	1
1	Î			EPO; JPO; DERWENT;	
l .	1		(313/105cm)).CCLS.	IBM_TDB	I .
1 -		1680	((313/379) or (313/384) or (313/387) or	USPAT	2002/10/19 13:46
	,		(313/528) or (313/532) or (313/541) or	1	1
1	1		(313/542) or (313/543) or (313/544) or		
1	1		(313/103r) or (313/103cm) or (313/105r) or	1	T.
	1		(313/105cm)).CCLS.	i -	1
ē -		0 (hiroyuki-kyushima.in.	USPAT;	2002/10/18 16:26
1	1	1		US-PGPUB; EPO; JPO;	
1	,	1		DERWENT;	1
1	1	1		IBM TDB	I .
1 "		451	hiroyuki-kyushima.in. or atsumi-akira.in.	USPAT;	12003/11/03 15:31
	1	1	or shimoi-hideki.in. or okada-tomoyuki.in.	US-PGPUB;	
	1		or ito-masuo.in.	EPO; JPO;	<u> </u>
	1	,		DERWENT;	,
1 _	1	46	(hiroyuki-kyushima.in. or atsumi-akira.in.	IBM_TDB	2003/09/30 18:52
1		10	or shimoi-hideki.in. or okada-tomoyuki.in.		2003/09/30 18:32
1		1		EPO; JPO;	1
1		1		DERWENT;	
1		1		IBM TDB	
1		0	11345587.URPN.	USPAT	2002/10/18 16:29
7.7		1680		USPAT	2002/10/18 17:23
1	1	1	(313/528) or (313/532) or (313/541) or	I .	
t.	- 1		(313/542) or (313/543) or (313/544) or (313/103r) or (313/103cm) or (313/105r) or	i	i
1	1		(313/105cm)).CCLS.		1
, -	1	1680	((313/379) or (313/384) or (313/387) or	USPAT	2002/10/18 17:23
1	1	į.	(313/528) or (313/532) or (313/541) or		1
i i	- 1		(313/542) or (313/543) or (313/544) or	1	1
	i i	1	(313/103 r) or (313/103 cm) or (313/105 r)	1	1
1	191	1010	or (313/105 cm)).CCLS.	L	
		1313,	((313/379) or (313/384) or (313/387) or (313/528) or (313/532) or (313/541) or	USPAT;	2002/10/18 17:24
	- 1			EPO; JPO; DERWENT;	
1	1	1		IBM TDB	·
		1	or (313/105 cm)).CCLS.	,	'
' -	:	285 !	(((313/379) or (313/384) or (313/387) or	USPAT;	2002/10/18 17:24
1	i		(313/528) or (313/532) or (313/541) or	US-PGPUB;	1
1	1	1	(313/542) or (313/543) or (313/544) or	EPO; JPO;	
1	Ŷ	i		DERWENT;	,
1	i	1	or (313/105 cm)).CCLS.) and photomultiplier	IBM_TDB	
					maa ab i

		1919 ((313/	379) or (313/38	4) or (313/387) or	USPAT;	2002/10/18	17:24
		(313/5	28) or (313/532) or (313/541) or	EPO; JPO;		i
	'	(313/5	42) or (313/543) or (313/544) or	DERWENT;	ļ	
	1	(313/1	03 r) or (313/1	03 cm) or (313/105	r) IBM TDB		1
		or (31	3/105 cm)).CCLS		_	Į.	
	4	285 T (((313	/379) or (313/3	84) or (313/387) c	r USPAT;	12003/05/22	16:49
	1) or (313/541) or	US-PGPUB;		
	1) or (313/544) or	EPO; JPO;	'	
	,	(313/1	03 r) or (313/1	03 cm) or (313/105	r) DERWENT;	i	
	1		3/105 cm)).CCLS		IBM TDB		1
			ultiplier			1	
-			74728-\$ or US-4	649269-S or	USPAT	12002/10/18	17:50
	į.		2089-\$ or US-55			1 - 1 - 1 - 1 - 1 - 1	
		LUS-550	4386-\$ or US-55	14928-S or	1	1	
		US-549	8926-\$ or US-54	16382-\$ or			
	1		9187-\$ or US-52		1	1	1
			6936-\$ or US-50				i.
	- 1		7336-\$ or US-49			!	
	1		8521-\$ or US-48		i		i
			5257-\$ or US-57			!	
	.1.		4908-\$ or US-56				
			5706-\$ or US-56			'	
			4301-\$ or US-59		1	1	
	4			17282-\$),did. or	1		1
			01511-\$ or US-5		1	Ĭ.	
	1		6387-\$ or US-58				1
	1		6901-S or US-48		1	i	
			4449-S or US-47		1		1
	1		0305-\$ or US-47			1	T.
	1		7922-\$ or US-46		I	1	
			5935-\$ or US-45				1
	1		6852-\$ or US-44				
			1943-\$ or US-44		1	1	1
			3322-\$ or US-43			1	1
	1		7458-S or US-42		1		
			0249-S or US-41		1	1	1
			5699-\$ or US-37				
	1			(US-3628076-\$ or	4	1	
	1		7489-\$ or US-62				-
			5812-\$ or US-60		1		
-	,		38328-\$ or US-3		USOCR	2002/10/18	17.50
	1		3944-\$ or US-32		OBOCK	2002/10/10	17.50
	1		9142-\$ or US-30		1		
	1		8840-s or US-28			1	
			6755-\$ or US-28			1	1
	1		6547-S or US-27		1		1
	Ĺ		2218-\$ or US-26		T.	1	
	1		1234-\$ or US-24			1	1
			2654-\$ or US-24		1		
	-1		6376-\$ or US-24			ī	1
	1		4503-\$).did.	10022 4 01	1	1	1
	1	, 00 22.0	asos vieuru.	and the second s			

()-	Τ.	11 ((US-5874728-s or US-4649269-s or	- USPAT; -	2002/10/18 17:51
1	1	US-5572089-\$ or US-5532551-\$ or	I US-PGPUB:	
1	i i	US-5504386-\$ or US-5514928-\$ or	EPO; JPO;	
		US-5498926-\$ or US-5416382-\$ or	DERWENT;	1
	1	US-5359187-\$ or US-5220240-\$ or	IBM TDB	i d
-	1	US-5156936-\$ or US-5077504-\$ or	1	
	,	US-4987336-\$ or US-4948965-\$ or	1	1
	1	US-4888521-\$ or US-4881008-\$ or	,	1 1
		US-6005257-\$ or US-5789861-\$ or	1	
	i i	US-5744908-\$ or US-5677595-\$ or	'	
1		US-5635706-\$ or US-5619099-\$ or	1	1 1
1	1	US-5594301-\$ or US-5917281-\$ or	,	
1	1	US-5936348-\$ or US-5917282-\$).did. or	1	1
	1	(US-5801511-\$ or US-5798605-\$ or	1	
i		US-5986387-\$ or US-5880458-\$ or		
	1	US-5866901-\$ or US-4829355-\$ or	1	
1		US-4794449-\$ or US-4783139-\$ or	1	
	'	US-4760305-\$ or US-4731538-\$ or		1
	i	US-4687922-\$ or US-4656392-\$ or	1	
1		US-4585935-\$ or US-4563614-\$ or	'	
	1	US-4456852-\$ or US-4446401-\$ or		i I
1	1	US-4431943-\$ or US-4426596-\$ or		'
		.US-4393322-\$ or US-4355258-\$ or		1
,	1	US-4347458-\$ or US-4210681-\$ or		1
1	1	US-RE30249-5 or US-4184098-5 or	i	1
		US-3925699-\$ or US-3771004-\$ or	1	
	1	US-3693013-\$).did. or (US-3628076-\$ or		
1	1	US-6297489-\$ or US-6271511-\$ or		1
		US-6265812-5 or US-6069445-\$).did.) and		
1	1	stem adj plate	1	1
t -	1	22 ((US-5874728-\$ or US-4649269-\$ or	USPAT;	2002/10/18 18:47
		US-5572089-\$ or US-5532551-\$ or	US-PGPUB;	2002/10/10 10.47
	1	US-5504386-\$ or US-5514928-\$ or	EPO; JPO;	
	1	US-5498926-\$ or US-5416382-\$ or	DERWENT;	T T
1		US-5359187-\$ or US-5220240-\$ or	IBM TDB	
1	1	US-5156936-\$ or US-5077504-\$ or	. 150-155	'
	1	US-4987336-\$ or US-4948965-\$ or		1
1	ī	US-4888521-\$ or US-4881008-\$ or	1	1 '
1	,	US-6005257-\$ or US-5789861-\$ or	1	1
	1	US-5744908-\$ or US-5677595-\$ or		1
1	1	US-5635706-\$ or US-5619099-\$ or	1	, 1
1		US-5594301-\$ or US-5917281-\$ or		1
	i	US-5936348-\$ or US-5917282-\$).did. or	"	1
Į.	1	(US-5801511-\$ or US-5798605-\$ or	1	
i		US-5986387-\$ or US-5880458-\$ or		T
1	1	US-5866901-\$ or US-4829355-\$ or	1	1
	4.	US-4794449-\$ or US-4783139-\$ or		
1		US-4760305-\$ or US-4731538-\$ or	1	Ŧ I
1	7	US-4687922-\$ or US-4656392-\$ or	1	
1	1	US-4585935-\$ or US-4563614-\$ or		
	T	03-4363333-0 01 03-4363614-0 01		1
1		US-4456852-\$ or US-4446401-\$ or		1
Į.		US-4431943-\$ or US-4426596-\$ or		7
1	1	US-4393322-\$ or US-4355258-\$ or		1
		US-4347458-\$ or US-4210681-\$ or	1	1 1
		US-RE30249-\$ or US-4184098-\$ or	1	1
J.	1	US-3925699-\$ or US-3771004-\$ or		1
1	1	US-3693013-\$).did. or (US-3628076-\$ or		
4		US-6297489-\$ or US-6271511-\$ or	1	1
1		US-6265812-\$ or US-6069445-\$).did.) and	1	
1	1	(weld welded welding)		
T -		3 ("4426596").PN.	USPAT;	2002/10/18 18:47
			US-PGPUB;	1
4	1	<u> </u>	EPO; JEO;	1
1	1		DERWENT;	
			IBM_TDB	1
		3 ("5789861").PN.	USPAT;	2002/10/18 19:46
1	1		US-PGPUB;	
1	1	T .	'EPO; JPO;	1
		I	DERWENT;	1
			TBM TDB	T i

-	18	("2574356" "3229143" "4362692"	USPAT	2002/10/18 19:46	
		"4395437" "4639638" "4649314" "4656392" "4777403" "4825066"		1	
		"4912315" "4963113" "5180943"		1	i
	1	"5254906" "5363014" "5498926" "5510674" "5572089" "5619100").PN.	l	1	
_	i 57	(kyushima-hiroyuki.in. or atsumi-akira.in.	USPAT;	: 2002/10/19 12:29	
		or shimoi-hideki.in. or okada-tomoyuki.in.		2002/20/23 .0703	Î
		or ito-masuo.in.) and photomultiplier	EPO; JPO;	1	I
	1	1	DERWENT; IBM TDB	1	i
_	1 4	(kyushima-hiroyuki.in. or atsumi-akira.in.	USPAT;	2002/10/19 12:29	I
		or shimoi-hideki.in. or okada-tomoyuki.in.	US-PGPUB;		į
	1	or ito-masuo.in.) and photomultiplier and	EPO; JPO;	i .	i
	1	flush	DERWENT; IBM TDB		į
_	1 22	(kyushima-hiroyuki.in. or atsumi-akira.in.	USPAT;	2002/10/19 12:43	,
	1	or shimoi-hideki.in. or okada-tomoyuki.in.			i
	1	or ito-masuo.in.) and photomultiplier and	EPO; JPO;	Ť	ı
	1	(weld welding welded)	DERWENT; IBM TDB		ı
-	1 3	("4426596").PN.	USPAT;	2002/10/19 12:43	
	'		US-PGPUB;	Y.	i
	i		EPO; JPO; DERWENT;	1	i
	1	i .	IBM TDB		Î
-	1680		USPAT	2002/10/19 13:47	ì
		(313/528) or (313/532) or (313/541) or	i		i
	T	(313/542) or (313/543) or (313/544) or (313/103r) or (313/103cm) or (313/105r) or	1		ı
		(313/105cm)).CCLS.	I .		å
-	128	(((313/379) or (313/384) or (313/387) or	USPAT;	2002/10/19 14:38	-
	T	(313/528) or (313/532) or (313/541) or	US-PGPUB;	1	i
	1	'(313/542) or (313/543) or (313/544) or ,(313/103r) or (313/103cm) or (313/105r) or	DERWENT;	i	
		(313/105cm)).CCLS.) and (fusion or laser)	IBM TDB	1	İ
-	2	(((313/379) or (313/384) or (313/387) or	USPAT;	2002/10/19 13:50	
	1	(313/528) or (313/532) or (313/541) or (313/542) or (313/543) or (313/544) or	US-PGPUB; EPO; JPO;	i .	1
		(313/103r) or (313/103cm) or (313/105r) or	DERWENT;	'	İ
	1	(313/105cm)).CCLS.) and (fusion or laser)	IBM_TDB	i	i
	1	with (weld welding welded)	i	1	i
-	1	(((313/379) or (313/384) or (313/387) or (313/528) or (313/532) or (313/541) or	USPAT; US-PGPUB;	2002/10/19 13:52	i
		(313/542) or (313/543) or (313/544) or	EPO; JPO;	Ī	1
	1	(313/103r) or (313/103cm) or (313/105r) or			i
	1	; (313/105cm)).CCLS.) and (electron adj beam or laser) with (weld welding welded)	IBM_TDB		i
-	841	313/\$ and (electron adj beam or laser)	USPAT;	2002/10/19 13:55	١
	1	with (weld welding welded)	US-PGPUB;	1	i
	T .	1	EPO; JPO;		ı
	1	I .	DERWENT; IBM TDB	1	ì
	. 4	313/\$ and (electron adj beam or lascr)	USPAT;	12002/10/19 14:01	I
	'	with (weld welding welded) and	US-PGPUB;	i .	ı
	1	photocathode	EPO; JPO;	Ç.	ί
	1	1	DERWENT;	1	i
-	. 3	(((313/379) or (313/384) or (313/387) or	USPAT;	2003/05/22 13:52	١
		, (313/528) or (313/532) or (313/541) or	US-PGPUB;	T	Ī
	,	(313/542) or (313/543) or (313/544) or (313/103r) or (313/103r) or (313/105r) or	EPO; JPO; DERWENT;		I
	1	(313/105cm)).CCLS.) and radiation adj	IBM_TDB	'	
	1	detector and scintillator		1	!
	i 0	radiation adj detector and scintillator	USPAT;	j 2002/10/19 14:48	'
	1	and position adj calculating adj section	US-PGPUB; EPO; JPO;	1	I
		i .	DERWENT;		١
	4.0		TRM TOR		

r –		124	gamma adj camera and radiation adj detector and scintillator	USPAT; US-PGPUB;	- 2002710/19 :	14:50
i	1			DERWENT; IBM TDB		1
۱		104	gamma adj camera and radiation adj detector and scintillator	USPAT	2002/10/19	14:53
-	1	15	gamma adj camera and radiation adj detector and scintillator and	USPAT	2002/10/19	14:54
! -	i	92	photomultiplier and anode gamma adj camera and radiation adj	USPAT	2002/10/19	14:56
ı	1		detector and scintillator and photomultiplier	USPAT	1 2002/10/19	15.15
	!	4	gamma adj camera and radiation adj detector and scintillator and photomultiplier and fluorescent	OSFAL	1	
-	1	3	scintillation adj imaging adj detectors and photomultiplier	USPAT	2002/10/19	15:04
-		3	("4400621" "5821538" "5854489").PN.	USPAT	2002/10/19	15:13
	1	11	gamma adj camera and radiation adj	USPAT	2002/10/19	
		11	gamma adj camera and radiación adj	ODIA	2002/10/13	1
	1		detector and scintillator and			
	į		photomultiplier and (fluorescent fluorescent fluorophor luminophor phosphor luminescent		I	Ť
			luminesce phosphorescent phosphoresce)		1	
-	1	50	(laser electron adj beam) with (weld	USPAT	2002/10/19	17:19
	1		welding welded welder) and photomultiplier	·	0000 105 105	
-		51	(hiroyuki-kyushima.in. or atsumi-akira.in.	USPAT;	2003/05/21	19:30
	1		or shimoi-hideki.in. or okada-tomoyuki.in.	US-PGPUB;		
			or ito-masuo.in.) and photomultiplier	EPO; JPO;		
	1			DERWENT;		
				IBM TDB		7
		3	("3919556" "5077504" "5329124").PN.	USPAT	2003/05/21	19.35
1	,	1	6472664.pn.	USPAT	1 2003/05/22	
			6472664 61b	USPAT	2003/05/22	
	1		6472664.pn. and flush			
~		. 0	ooo too or pin and readin	USPAT	2003/05/22	
-	1	25	(hiroyuki-kyushima.in. or atsumi-akira.in.	USPAT;	2003/05/22	13:06
			or shimoi-hideki.in. or okada-tomoyuki.in.	US-PGPUB;		
			or ito-masuo.in.) and photomultiplier and	EPO; JPO;	1	
1	1		photocathode	DERWENT;		1
			l •	TBM TDB	1	T
_	'	0	"60112224"	JPO	2003/05/22	13:07
	1	ĭ	"jp60112224"	JPO	2003/05/22	
_			"jp 60112224"	JPO	2003/05/22	
	1	0	# co 112224#	JPO	2003/05/22	
			"jp 60 112224"	JPO		
	,	0	"jp 60-112224"		1 2003/05/22	13:07
	i		"60-112224"	JPO	2003/05/22	
-	1	0	"600112224"	JPO	12003/05/22	
-		0	"5854539"	JPO	2003/05/22	
-	1	0	"58-54539"	JPO	2003/05/22	
-	1		"jp58-54539"	JPO	2003/05/22	
-		0	"jp 58-54539"	I JPO	2003/05/22	
-	1	0	"jp5854539"	JPO	2003/05/22	13:10
-		1	jp60211758	i JPO	: 2003/05/22	13:11
-	1		jp60-211758	JPO	2003/05/22	
			5329124.pn.	USPAT	. 2003/05/22	
_	1.	o.	5329124.pn. and flat	USPAT	2003/05/22	
-	1	0	5329124.pn. and flush	USPAT	2003/05/22	
' _					2003/05/22	13.36
	1		5329124.pn. and photocathode	USPAT		
-			5329124.pn. and photomultiplier	USPAT	1 2003/05/22	
-	T	24	Hamamatsu-Photonics-k-k.as.	USPAT;	2003/05/22	13:55
				US-PGPUB;		į.
	1			EPO; JPO;		
		1		DERWENT;	t .	1
!	4			IBM TDB		
-	1	23	Hamamatsu-Photonics-k-k.as.	USPAT;	2003/05/22	13:55
'				: EPO; JPO;		-
	J.			DERWENT:	T.	1
				IBM TDB		1
	L				· - · -	

-	7461	Hamamatsu and Photonics andphotomultiplier	USPAT; EPO: JPO:	2003/05/22	13:55
	1 1		DERWENT; IBM TDB	İ	1
-	687	Hamamatsu and Photonics and photomultiplier	USPAT; EPO; JPO;	2003/05/22	13:55
	6416	Hamamatsu-Photonics-kk.as.	DERWENT; IBM TDB USPAT;	1 2003/05/22	12.56
_	1 0416	Hamamatsu-Photonites-kk.as.	US-PGPUB; EPO: JPO:	2003/03/22	13:36
	1 1		DERWENT;	i	1
-	6416	Hamamatsu-Photonics-kk.as.	USPAT; EPO; JPO;	2003/05/22	13:56
			DERWENT; IBM_TDB		. 1
-	6416	Hamamatsu-Photonics-kk.as.	USPAT; EPO; JPO;	2003/05/22	13:56 [
	1 242	Hamamatsu~Photonics-kk.as. and	DERWENT; IBM_TDB USPAT;	2003/05/22	12.56
	943	photomultiplier	EPO; JPO; DERWENT;	2003/05/22	13:20
_	1 103	Hamamatsu-Photonics-kk.as. and	IBM TDB	2003/05/22	15:51
	1	photomultiplier and photocathode	EPO; JPO; DERWENT;	1	1
			IBM_TDB	1	1

F-	-	103 (US-6020684-\$).did. or (EP-532358-\$ or	USPAT;	12003/05/22 13:571
	1	EP-539229-\$ or EP-567297-\$ or EP-573194-\$	EPO; JPO;	
l		or EP-587313-S or EP-622824-S or	DERWENT	i
1	10.0	EP-622825-\$ or EP-622827-\$ or EP-627755-\$	1	
		or EP-658919-\$ or EP-690477-\$ or	-	7. 1
	4.	EP-714117-\$ or EP-718865-\$ or EP-722182-\$	1	1 [
	1	or EP-727808-S or EP-755065-S or		1
1		EP-814496-S or EP-828282-S or EP-828283-S	1	1
	T T	or EP-828284-\$ or EP-427545-\$ or	!	
1		EP-526112-\$ or EP-437242-\$).did. or		1
	1	(JP-03155036-s or JP-06310086-s or		1
	'	JP-08148113-S or JP-08250051-\$ or		1
	1	JP-09045275-\$ or JP-10172503-\$ or	1	
		JP-2000003693-\$).did. or (GB-2133875-\$ or		1
		DE-3736185-\$ or GB-2202988-\$ or	Į.	T I
Į.		-GB-2205438-S or US-4937506-\$ or		
	1	GB-2214347-\$ or DE-3925776-\$ or	1	0
!	1	US-4929835-\$ or EP-427545-\$ or EP-437242-\$		
	1	or JP-2002310915-\$ or WO-200211168-\$ or	i .	1 '
1		US-20010001226-S or JP-2000149862-S or		
		JP-2000149860-\$ or JP-2000090875-\$ or	1	1
1		JP-200019255-\$ or JP-11329340-\$ or	1	1
	1	JP-11329339-\$ or JP-11260248-\$ or		2 2
1		JP-11102660-S or JP-11102659-S or		
	1	JP-11102658-\$ or JP-11102657-\$ or		
		JP-11102656-\$ or JP-11096897-\$).did. or	1	i
1	T	(JP-1102030-3 or JP-11090097-37.did. or	1	1
		JP-10241554-\$ or EP-690476-\$ or		
1	1	: JP-10172503-\$ or EP-860857-\$ or	1	1
		EP-679908-\$ or EP-671757-\$ or EP-690477-\$,
1	1	or JP-08050877-\$ or EP-698911-\$ or		1
		EP-714117-S or EP-718865-S or EP-722182-S	'	
1	1	or EP-727808-\$ or EP-729169-\$ or	4	1 1
		EP-743672-\$ or JP-08335450-\$ or		1
'	1	US-5594301-\$ or EP-755065-\$ or)	1
1		JP-09106764-\$ or JP-09161718-\$ or		: 1
	1	JP-09180670-\$ or US-5923045-\$ or	i .	1
ľ		EP-814496-\$ or EP-828282-\$ or		
		EP-828283-\$).did. or (EP-828284-\$ or	į	1
ì	1			1
		FP-622825-\$ or EP-622827-\$ or EP-592186-\$ or EP-587313-\$ or EP-627755-\$ or	t.	ī
l .	1.		1	
	1.00	EP-567297-\$ or GB-2279497-\$ or JP-06295703-\$ or EP-622824-\$ or	1	
i	1		i	1
1	1	EP-573194-\$ or EP-589671-\$ or EP-658919-\$ or JP-07211280-\$ or EP-526112-\$ or		
1		EP-532358-\$ or EP-539229-\$ or EP-565247-\$	1	i v
	.1.		1	1
		or EP-495589-\$).did.		I control to the second of the

 -	1 ((US-6020684-\$).did. or (EP-532358-\$ or	USPAT;	2003/05/22 13:	58
	EP-539229-8 or EP-567297-\$ or EP-573194-\$	EPO; JPO;		1
1	or EP-587313-\$ or EP-622824-\$ or	DERWENT;		
	EP-622825-\$ or EP-622827-\$ or EP-627755-\$	IBM TDB	1	
1	or EP-658919-\$ or EP-690477-\$ or		1	
'	EP-714117-S or EP-718865-S or EP-722182-\$		1	'
i	or EP-727808-S or EP-755065-\$ or	1		
	EP-814496-\$ or EP-828282-\$ or EP-828283-\$		i	
i	or EP-828284-S or EP-427545-S or	T	'	
1	EP-526112-\$ or EP-437242-\$).did. or		1	1
i	(JP-03155036-\$ or JP-06310086-\$ or	1		
			1	- 1
1	JP-08148113-\$ or JP-08250051-\$ or	1	· ·	1
	JP-09045275-\$ or JP-10172503-\$ or	1	Ī	
1	'JP-2000003693-\$).did. or (GB-2133875-\$ or			
	DE-3736185-\$ or GB-2202988-\$ or	i		- 1
İ	GB-2205438-\$ or US-4937506-\$ or	4	1	
	GB-2214347-\$ or DE-3925776-\$ or	Î.		
l	US-4929835-\$ or EP-427545-\$ or EP-437242-\$	1	1	
1	or JP-2002310915-\$ or WO-200211168-\$ or			
	US-20010001226-\$ or JP-2000149862-\$ or	i		1
	JP-2000149860-\$ or JP-2000090875-\$ or	1		,
i	JP-2000019255-\$ or JP-11329340-\$ or		ļ	
1	JP-11329339-\$ or JP-11260248-\$ or]		- 1
,	JP-11102660-\$ or JP-11102659-\$ or		ţ.	
1	JP-11102658-\$ or JP-11102657-\$ or	i	1	- 1
,	JP-11102656-\$ or JP-11096897-\$).did. or	i		
1	(JP-11067145-\$ or JP-11067144-\$ or		i	
,	JP-10241554-\$ or EP-690476-\$ or	i .	1	i
1	JP-10172503-\$ or EP-860857-\$ or		!	
	EP-679908-\$ or EP-671757-\$ or EP-690477-\$!		ļ
1	or JP-08050877-\$ or EP-698911-\$ or		1	
1	EP-714117-\$ or EP-718865-\$ or EP-722182-\$	i	1	- 1
	or EP-727808-\$ or EP-729169-\$ or		4	
j	EP-743672-\$ or JP-08335450-\$ or	1	1	- 1
	US-5594301-S or EP-755065-S or		1	
!	JP-09106764-\$ or JP-09161718-\$ or	T .	I	i
	JP-09180670-\$ or US-5923045-\$ or			
- 1	EP-814496-S or EP-828282-S or		T	
1	EP-828283-\$).did. or (EP-828284-\$ or			
	EP-622825-\$ or EP-622827-\$ or EP-592186-\$	1	1	- 1
	or EP-587313-\$ or EP-627755-\$ or			
1	EP-567297-\$ or GB-2279497-\$ or	1	1	1
		1	9	
1	JP-06295703-\$ or EP-622824-\$ or	i	1	1
	EP-573194-\$ or EP-589671-\$ or EP-658919-\$		Į.	
1	or JP-07211280-\$ or EP-526112-\$ or	1		- 1
	EP-532358-\$ or EP-539229-\$ or EP-565247-\$		i	
	or EP-495589-\$).did.) and flush	i		i

_			((US-6020684-S).did. or (EP-532358-S or	USPAT;	2003705/22	13.58
1	- 1		EP-539229-\$ or EP-567297-\$ or EP-573194-\$	EPO; JPO;	1	10.00
1	1		or EP-587313-\$ or EP-622824-\$ or	DERWENT;		
1	1		EP-622825-\$ or EP-622827-\$ or EP-627755-\$	1BM TDB	1	
i			or EP-658919-\$ or EP-690477-\$ or	_	1	
1	- 1		EP-714117-\$ or EP-718865-\$ or EP-722182-\$			
1			or EP-727808-\$ or EP-755065-\$ or	1	1	
1	1.		EP-814496-\$ or EP-828282-\$ or EP-828283-\$			
4	1		or EP-828284-\$ or EP-427545-\$ or	1	1	
1			EP-526112-\$ or EP-437242-\$).did. or	i		
	1		(JP-03155036-\$ or JP-06310086-\$ or JP-08148113-\$ or JP-08250051-\$ or		1	
J.			JP-09045275-\$ or JP-10172503-\$ or	Y.		
1			. JP-2000003693-\$).did. or (GB-2133875-\$ or	i i	1	
	1		DE-3736185-\$ or GB-2202988-\$ or		1	
1	1		GB-2205438-\$ or US-4937506-\$ or	I		
1	1		GB-2214347-\$ or DE-3925776-\$ or		1	
			US-4929835-\$ or EP-427545-\$ or EP-437242-\$			
1	1		or JP-2002310915-\$ or WO-200211168-\$ or		1	
	1		US-20010001226-\$ or JP-2000149862-\$ or	1		
1			JP-2000149860-\$ or JP-2000090875-\$ or	1	1	
1	1		JP-2000019255-\$ or JP-11329340-\$ or	'		
	Ī		JP-11329339-\$ or JP-11260248-\$ or	i		
1	1		JP-11102660-\$ or JP-11102659-\$ or	,		
1			JP-11102658-\$ or JP-11102657-\$ or	1	1	
1			JP-11102656-\$ or JP-11096897-\$).did. or	I	1	
			(JP-11067145-\$ or JP-11067144-\$ or JP-10241554-\$ or EP-690476-\$ or	i		
1			JP-10172503-\$ or EP-860857-\$ or		1	
9			EP-679908-S or EP-671757-S or EP-690477-S		1	
			or JP-08050877-\$ or EP-698911-\$ or	1	1	
T	i		EP-714117-\$ or EP-718865-\$ or EP-722182-\$	1	1	
			or EP-727808-\$ or EP-729169-\$ or		1	
1			EP-743672-\$ or JP-08335450-\$ or	!	Ī	
	-		US-5594301-\$ or EP-755065-\$ or		-	
1	-		JP-09106764-\$ or JP-09161718-\$ or	1	Ť	
1	- 1		JP-09180670-\$ or US-5923045-\$ or		i	
	- 1		EP-814496-\$ or EP-828282-\$ or	T .	1	
1	Î		EP-828283-\$).did. or (EP-828284-\$ or	1	1	
	Ţ		EP-622825-\$ or EP-622827-\$ or EP-592186-\$	1	9	
	i		or EP-587313-\$ or EP-627755-\$ or	i		
1			EP-567297-\$ or GB-2279497-\$ or		1	
	,		JP-06295703-\$ or EP-622824-\$ or EP-573194-\$ or EP-589671-\$ or EP-658919-\$	į	1	
	1		or JP-07211280-\$ or EP-526112-\$ or			
1	1		EP-532358-\$ or EP-539229-\$ or EP-565247-\$			
	1		or EP-495589-\$).did.) and flush	t.		
' -		1		USPAT	2003/05/22	14 - 15
1 _		î	6472664.pn. and weld\$5.clm.	USPAT	12003/05/22	
1 -	1	ō	6472664.pn. and cutout.clm.	USPAT	2003/05/22	
-	i	0	6472664.pn. and (glass silica).clm.	USPAT	1 2003/05/22	
1 -	1	1	2000-164304.NRAN.	DERWENT	; 2003/05/22	
' -		1	1999-298538.NRAN.	DERWENT	2003/05/22	15:41
1 -		1	5594301.pn.	USPAT;	12003/05/22	
1	1		l .	EPO; JPO;		
			L	IBM_TDB		
4		. 0	5594301.URPN.	USPÃT	2003/05/22	
1 -		15	("3555333" "3662206" "3754674"	USPAT	[2003/05/22	15:51
1	1.0		"3865567" "4306171" "4376246"	1	I.	
T.			"4721884" "4777403" "4788382" "4870473" "4871943" "4914349"	1	1	
÷			"4870473" "4871943" "4914349" ! "5051572" "5218264" "5498926").PN.	I .	L	
1_	1		"3031572" "5218264" "5498926").PN.	LICDAT	2003/05/22	16.24
12	T	49/54	("L252 AND BEST ADJ MODE ADJ FOR ADJ	USPAT	2003/05/22	
1		U	CARRYING ADJ OUT ADJ THE ADJ	035111	2003/03/22	10:24
	1		INVENTION").PN.	I	1	
· -	1	0		USPAT;	1 2003/05/22	16:25
1			ADJ CARRYING ADJ OUT ADJ THE ADJ INVENTION	US-PGPUB;	1 2003/03/22	-0.23
1				EPO; JPO;	1	
1	1	0	t e e e e e e e e e e e e e e e e e e e	DERWENT;		
1 = -				IBM_TDB_	1	

1694 ((((313/379) or (313/384) or (313/387) or (313/528) or (313/528) or (313/524) or (313/542) or (313/642) or (313/542)	;			((313/\$).CCLS.) AND BEST ADJ MODE WITH CARRYING	USPAT; US-PGPUB; EPO; JPO;	2003/05/22	16:26
1694 (((1313/379) or (313/584) or (313/587) or (313/528) or (313/528) or (313/524) or (313/524) or (313/524) or (313/524) or (313/524) or (313/527) or (313/527) or (313/527) or (313/527) or (313/527) or (313/527) or (313/527) or (313/527) or (313/527) or (313/527) or (313/527) or (313/527) or (313/527) or (313/527) or (313/528) or (313/527) or (313/528) or (313/5	1	1					
(313/105 r) or (313/103 cm) or (313/105 r) or (313/105 m). CCLS.		i		(313/528) or (313/532) or (313/541) or		2003/11/03	16:56
0 5796109.pn. and (1999-293476.NRAN. and (1987) 2003/05/22 18:13 (Hamamatsur-Photonics-ka.s. and photomultiplier and photocathode)) 1 5796109.pn. and "94" 2003/05/22 18:15	1	1	1	(313/103 r) or (313/103 cm) or (313/105 r)	Į.	Ĭ	- 5
Hamamatsus-Photonics-kk.as. and photocomultiplier and photocathode)	1	1	0.1		HEDAT	2003/05/22	18-13
1 5796109.pn. and "94" USPAT 2003/05/22 18:15 1 5796109.pn. and "94" USPAT 2003/05/22 18:15 1 5796109.pn. and end adj retainer USPAT 2003/05/22 18:15 2003/05/22 10:40 2003/05/22 10:40 2003/05/22 10:40 2003/05/22 10:40 2003/05/22	i	1	0	(Hamamatsu-Photonics-kk.as. and	. 00, 41	1 2003/03/22	10.15
1 5796109.pn. and "94"	_	i	1	photomultiplier and photocathode))	HSPAT	2003/05/22	18-15
1 5796109.pn. and end adj retainer USPAT 2003/05/22 18:17 (metal glass) 0 5796109.pn. and end adj retainer same USPAT 2003/05/22 18:17 (metal glass silica) 1 5796109.pn. and end adj retainer same USPAT 2003/05/22 18:17 (metal glass silica) 1 5796109.pn. and end adj retainer same USPAT 2003/05/22 18:17 (metal glass silica) 1 42669.pn. and (flush planar) USPAT 2003/05/23 10:40 USPAT 2003/05/23 10:40 USPAT 2003/05/23 10:40 USPAT 2003/05/23 10:41 142669.pn. USPAT 2003/05/23 10:47 (metal glass) 1 2200722" "2404803" USPAT 2003/05/23 10:47 (metal glass) 22414099" "3886955" "3864539").PN. 1 5504386.pn. USPAT 2003/05/23 10:47 (metal glass) 2003/05/23 10:47 (metal g	-		i,	5796109.pn. and "94"			
0 5796109.pn. and end adj retainer same (metal glass) 0 5796109.pn. and end adj retainer same (metal glass) 1 5796109.pn. and end adj retainer same (metal glass silica) 1 5796109.pn. and end adj retainer same (metal glass silica) 1 5796109.pn. and end adj retainer same (metal glass silica) 1 4426596.pn. and (flush planar) 2 4426596.pn. and (flush planar) 2 4426596.pn. uspan (master) 2 4426596.pn. uspan (master) 3 (1943984" "2200722" "2404803" USPAT (2003/05/23 10:47) 2 4214099" "2880344" "2952499" USPAT (2003/05/23 10:47) 3 (1943984" "2880344" "2952499" USPAT (2003/05/23 10:47) 3 (1943984" "2880344" "2952499" USPAT (2003/05/23 10:47) 3 (1943600) por (313/384) or (313/587) por (313/529) por (313/541) or (313/529) por (313/543) or (313/541) or (313/529) por (313/543) or (313/544) or (313/528) or (313/542) or (313/543) or (313/544) or (313/542) or (313/542) or (313/543) or (313/543) or (313/542) or (313/542) or (313/543) or (313/543) or (313/542) or (313/542) or (313/543) or (313/543) or (313/542) or (313/542) or (313/543) or (Ţ	1 '	5796109.pn. and "94"			
	-	-1-	1				
0 5796109.pn. and end adj retainer same (uspar 2003/05/22 18:17 (made) 1 5796109.pn. and end adj retainer same (uspar 2003/05/22 18:17 (made) 2 4426596.pn. and (flush planar) 2 4426596.pn. and (flush planar) 3 4426596.pn. and (flush planar) 4 426696.pn. and (flush planar) 4 426696.pn. and (flush planar) 5 (1943984" "2200722" "2404803" uspar 2003/05/23 10:47 (made) 6 (1943984" "2280722" "3404803" uspar 2003/05/23 10:47 (made) 7 (1943984" "288035" "388459" PN. 1 5504386.pn. (313/384) or (313/387) or (313/44) or (313/42) or (313/543) or (313/544) or (313/52) or (313/543) or (313/544) or (313/52) or (313/544) or (313/52) or (313/544) or (313/528) or (313/542) or (313/544) or (313/542) or (313/542) or (313/543) or (313/544) or (313/542) or (313/542) or (313/543) or (313/543) or (313/542) or (313/543) or (313/5	1 -	1			USPAI	1 2003/03/22	10:11
1 5796109.pn. and end adj retainer same (USPAT 2003/05/22 18:17 (made) 0 4426596.pn. and (flush planar) USPAT 2003/05/23 10:40 1 4426596.pn. USPAT 2003/05/23 10:47 2426596.URPN. USPAT 2003/05/23 10:47 27414099" "2880344" "2952499" "3753023" "388955" "3884539" PN.	ř -	1.	0	5796109.pn. and end adj retainer same	USPAT	2003/05/22	18:17
0 4426596,pn. and (flush planar) USPAT 2003/05/23 10:40 14426596,pn. USPAT 2003/05/23 10:40 1943984" "2007022" "2404803" USPAT 2003/05/23 10:47 2414099" "2880344" "2952499" USPAT 2003/05/23 10:47 2414099" "2880344" "2952499" USPAT 2003/05/23 10:47 2414099" "3888955" "3886459", NN.	i -	1	1	5796109.pn. and end adj retainer same	USPAT	2003/05/22	18:17
2 4426596.URPN. 2003/05/23 10:47 9 ("1943984" "2200722" "2404803" USPAT 2003/05/23 10:47 "2414099" "2880344" "2952499" "1	-	i		4426596.pn. and (flush planar)			
9 ("1943984" "2200722" "2404030" USPAT 2003/05/23 10:47 "241099" "3753023" "3869345" "2952499" "3753023" "386935" "3864539".PN. USPAT 2003/05/23 11:01 1694 (((313/379) or (313/384) or (313/541) or (313/542) or (313/543) or (313/541) or (313/103 cm) or (313/105 cm) or (313/103 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/541) or (313/582) or (313/541) or (313/542) or (313/584) or (313/541) or (313/542) or (313/542) or (313/544) or (313/542) or (313/542) or (313/544) or (313/542) or (313/542) or (313/544) or (313/542) or (313/542) or (313/544) or (313/103 cm) or (313/105 cm) or (313/103 cm) or (313/105 cm) or (313/103 cm) or (313/105 cm) or (313/103 cm) or (313/105 cm) or (313/103 cm)		1				2003/05/23	11:00
"2414099" "288044" "2952499"	1	1	ام	4426596.URPN. ("1943984" "2200722" "2404803"			
1 5504386.pn. USPAT 2003/05/23 11:01		1		"2414099" "2880344" "2952499"	1		
(313/528) or (313/532) or (313/541) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 rm) or (313/105 r) or (313/528) or (313/541) or (313/541) or (313/528) or (313/543) or (313/541) or (313/103 rm) or (313/105 r) or (313/105 cm) or (313/103 cm) or (313/105 r) or (313/105 cm) or (313/542) or (313/541) or (313/542) or (313/542) or (313/541) or (313/542) or	-	İ	1	5504386.pn.	USPAT	[2003/05/23	11:01 i
(313/422) or (313/543) or (313/544) or (313/105 r) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/384) or (313/387) or (313/542) or (313/542) or (313/542) or (313/542) or (313/542) or (313/542) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/542) or (313/542) or (313/542) or (313/542) or (313/542) or (313/542) or (313/642) or (313/642) or (313/642) or (313/642) or (313/642) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/103 r) or (3	-	-			USPAT	2003/09/30	18:33
(313/103 r) or (313/103 cm) or (313/105 r) or (313/105 cm)).CCLS.	1		,		Ī	1	- 1
or (313/105 cm)).CCLS.) 1 ((((313/379) or (313/384) or (313/387) or (313/542) or (313/542) or (313/542) or (313/542) or (313/542) or (313/542) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/387) or USPAT; 2003/09/30 18:49 cylinder - 806 ((313/379) or (313/384) or (313/387) or USPAT; 2003/09/30 18:49 cylinder (313/542) or (313/542) or (313/541) or USPAT; 2003/09/30 18:49 cylinder (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or shimoi-hideki.in. or okada-tomoyuki.in. USPAT; 2003/09/30 18:59 cylinder (313/103 cm) or ito-masuo.in.) and photomultiplior (312-PGCUB; EPO; JPO; DERWENT; IBM TDB USPAT; 2003/09/30 18:59 cylinder (312-PGCUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGCUB; EPO; JPO; DERWENT; US-PGCUB; EPO; JPO		Ī	j			ī	7
(313/528) or (313/532) or (313/541) or (313/542) or (313/542) or (313/542) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/103 cm) or (313/103 cm) or (313/542) or (313/541) or (313/542) or (313/542) or (313/541) or (313/542) or (313/542) or (313/542) or (313/642) or (313/642) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/105 cm)		1		or (313/105 cm)).CCLS.)	1	1	į
	, -		1	((((313/379) or (313/384) or (313/387) or	USPAT	2003/05/23	12:25
(313/103 r) or (313/103 cm) or (313/105 r) or (313/105 m) cc(ms).CCLs.) and angular adj cylinder - 806 ((313/379) or (313/384) or (313/387) or (313/542) or (313/542) or (313/542) or (313/542) or (313/542) or (313/542) or (313/543) or (313/103 cm) or (313/105 r) or (313/103 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/103 cm) or (313/105 r) or (313/105 cm) o			1	(313/528) or (313/532) or (313/541) or (313/542) or (313/543) or (313/544) or		i	
or (313/105 cm)).CCLS.) and angular adj cylinder ((313/379) or (313/384) or (313/387) or USPAT; (2003/09/30 18:49) (313/528) or (313/523) or (313/541) or (313/522) or (313/543) or (313/541) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or shimol-hideki.in. or atsumi-akira.in. USPAT; (2003/09/30 18:49) or shimol-hideki.in. or okada-tomoyuki.in. USPAT; (2003/09/30 18:59) or tho-masuo.in.) and photomultiplier (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 18:59) USPAT; (2003/09/30 19:00) USPAT; (2003/09/30 19:00) USPAT; (2003/09/30 19:00) USPAT; (2003/09/30 19:00) USPAT; (2003/09/30 19:00) USPAT; (2003/09/30 19:00) USPAT; (2003/11/03 15:59) USPAT; (2003/11/03 15:18) USPAT; (2003/11/03 16:18) USPAT; (2003/11	1	1		(313/103 r) or (313/103 cm) or (313/105 r)	ì	1	
806 ((1313/379) or (313/394) or (313/397) or USPAT; (313/528) or (313/528) or (313/543) or (31	I .	1		or (313/105 cm)).CCLS.)) and angular adj	1	i	1
(313/528) or (313/532) or (313/541) or (313/542) or (313/542) or (313/542) or (313/103 cm) or (313/105 cm) or (313/103 cm) or (313/105 cm) or (313/103 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or or atsumi-akira.in. 58 (hiroyuki-kyushima.in. or atsumi-akira.in. USPAT; USPA	1					* 0000 (00 (00	
(313/542) or (313/543) or (313/544) or (313/547) or (313/105 r) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) or (313/105 cm) .CCLS.) 56! (hiroyuki-kyushima.in. or atsumi-akira.in. USPAT; OSPAT;	'	806	(313/528) or (313/532) or (313/541) or		2003/09/30	18:49	
or (313/105 cm)).CCLS.) 1 5504386.pn. Ospat;		1			V	I	i i
1 5504386.pn. USPAT 2003/09/30 18:49 USPAT 2003/09/30 18:49 USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 19:00 USPAT 2003/09/30 19:00 USPAT USPAT 2003/09/30 19:00 USPAT 2	1	1		(313/103 r) or (313/103 cm) or (313/105 r)			
See Chiroyuki-kyushima.in. or atsumi-akira.in. USPAT; 2003/09/30 18:59	L_	1			HEDAT.	2002/00/20	10.40
Second Color Seco	!			5504560.pii.		i	10.45
or ito-masuo.in.) and photomultiplier	-	1	58 :		USPAT;	2003/09/30	18:59 i
DERWENT; IBM TOB		1				1	1
TIM TIDB CONTROL CON		1		or ito-masuo.in.) and photomultiplier			
2 6472664.pn. USFAT 2003/09/30 18:59 USFAT 2003/09/30 18:59 USFAT 2003/09/30 18:59 USFAT 2003/11/03 16:18 USFAT 2003/11/03 16:18 USFAT 2003/11/03 16:18	!	1				1	į.
EPO, JPO; DEFMENT; IBM TDB USFAT 2003/11/03 16:18	l -	,	2	6472664.pn.	USPAT;	2003/09/30	18:59
DERWENT; IBM TDB	l	1	1			ì	Ī
IBM TDB	1	1.	1			I.	
1 6472664.pn. USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 18:59 USPAT 2003/09/30 19:00 USPAT 2003/09/30 19:00 USPAT 2003/09/30 19:00 USPAT 2003/09/30 19:00 USPAT 2003/09/30 19:00 USPAT 2003/11/03 15:59 USPAT 2003/11/03 15:59 USPAT 2003/11/03 16:18 1 5504386.pn. USPAT 2003/11/03 16:18	İ	ï	- 1			1	1
EPG; JPG; IBM TDB	-		1	6472664.pn.	USPĀT;	2003/09/30	18:59 }
IBM TDB SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT 2003/11/03 16:18 SPAT	ı	!					1
1 6472664.pn. and (outer adj surface).clm		1	,			Ī	
US-PGFUB; EPO; JPO; IBM_TDB	-	3	3.1	6472664.pn. and (outer adj surface).clm.		2003/09/30	19:00
18M_TDB		1	:		US-PGPUB;	1	i
- 41 hiroyuki-kyushima.in. atsumi-akira.in. US-PGPUB 2003/11/03 15:59		1				T.	1
shimoi-hideki.in. okada-tomoyuki.in. ito-masuo.in. USPAT 2003/11/03 16:18 - 1 6472664.pn. USPAT 2003/11/03 16:18 1 5504386.pn. USPAT 2003/11/03 16:18	-	· ·	41 !	hirovuki-kvushima.in. atsumi-akira in		2003/11/03	15.59
- 1 6472664.pn. USPAT 2003/11/03 16:18 - 1 5504386.pn USPAT 2003/11/03 16:18					1 10100	2003/11/03	13.35
- 1 5504386.pn USFAT 2003/11/03 16:18		1					
	-	di					
			^-	/4/03 14:00:46 DM Place 10	331VI	. 2003/11/03	10:18

- 1		643	(313/528,532,541,542,543,544).CCLs.	USPAT;	T2003/11/03 1°	7:05
1	'			US-PGPUB	1	
-	1		(313/528,532,541,542,543,544,103R,103cm,105	r: µ1995РОМРИВСС		
		630	(313/528,532,541,542,543,544).CCLS.	USPAT	2003/11/03 1	7:08
-	1	2	6472664.pn.	USPAT;	2003/11/03 1	7:08
			· ·	US-PGPUB;		į
	ı			EPO; JPO;	1	
				DERWENT;		
	1			IBM TDB	1	
		1	2000-072958.NRAN.	DERWENT	2003/11/03 1	7 - 00
					- 2003/11/03 1	
		76	(US-6472664-\$ or US-6538376-\$ or	USPAT;	2003/11/03 1	3:10
	4		US-4687922-\$ or US-4783139-\$ or	US-PGPUB;		
	1		US-4829355-\$ or US-4888521-\$ or	EPO;	i	1
			US-4881008-\$ or US-5077504-\$ or	DERWENT	:	- 1
	1		US-5156936-\$ or US-5416382-\$ or		1	
	1		US-5498926-\$ or US-5504386-\$ or	1		1
			US-5532551-\$ or US-5572089-\$ or		i	
	1		US-5594301-\$ or US-5619099-\$ or		:	
			US-5677595-\$ or US-5744908-\$ or		1	1
1	1		US-5789861-\$ or US-5801511-\$ or		1	
			US-5874728-\$ or US-5841231-\$ or	1		i
			US-5880458-\$ or US-5917282-\$ or		i	1
!			US-5936348-\$ or US-5986387-\$).did. or	1		i
	1				i	- 1
			(US-6005257-\$ or US-6069445-\$ or	i .	1	
	i		US-3771004-\$ or US-RE30249-\$ or		T	
	i		US-4184098-\$ or US-4355258-\$ or		1	
i	'		US-4347458-\$ or US-4426596-\$ or		:	
	i		US-4585935-\$ or US-4649269-\$ or	I.	I	
į.	'		US-4731538-\$ or US-4760305-\$ or	1	1	l l
	1		US-4794449-\$ or US-4948965-\$ or			
1	1		US-4987336-\$ or US-5359187-\$ or	1		ļ
			US-5220240-\$ or US-5514928-\$ or		i	- 6
1			US-5635706-\$ or US-5798605-\$ or	i		İ
			US-5866901-\$ or US-6271511-\$ or		1	
1			US-6265812-\$ or US-6297489-\$ or	ì		1
	1		US-4825066-\$ or US-5917281-\$ or		1	
1	1		US-3628076-\$).did. or (US-3693013-\$ or	i	1	
	1				1	- 1
			US-3925699-\$ or US-4210681-\$ or	I .	1	
ı			US-4393322-\$ or US-4431943-\$ or		Ī	- 1
			US-4456852-\$ or US-4446401-\$ or	I .	1	
l	1		US-4563614-\$ or US-4656392-\$ or		1	
	1		US-6580215-\$).did. or	1	į.	
l			(US-20010001226-\$).did. or			!
ı	1		(EP-622827-\$).did. or (JP-11102660-\$ or	I .	!	
			JP-2000019255-\$ or JP-11102659-\$ or			- 1
l	1		GB-2279497-\$ or EP-539229-\$ or EP-565247-\$		1	i
i	1		or JP-08050877-\$ or EP-743672-\$ or		t.	
			US-5594301-\$ or JP-11102656-\$ or			
1	1		JP-11102657-\$).did.	I .	1	
l –		21	(US-2410822-\$ or US-2418574-\$ or	. USOCR	1 2003/11/03 1	3:16
	'		US-2416376-\$ or US-2436734-\$ or		,	
!	1		US-2432654-\$ or US-2491234-\$ or		1	- 1
			US-2601208-\$ or US-2622218-\$ or	1		
	1	1	US-2765417-\$ or US-2800599-\$ or	I.	1	- 1
1						1
	'	-	US-2796547-\$ or US-2836755-\$ or	1	1	
1	İ		US-2868994-\$ or US-2908840-\$ or		Y	i
			US-3099764-\$ or US-3229142-\$ or	I .		
•	1		US-3272984-\$ or US-3433944-\$ or		1	1
	1		US-3500099-\$ or US-3538328-\$ or	T .	4	
		1	US-2204503-\$).did	I may ago		
						_

Γ.		1 ((US-6472664-s or US-6538376-s or	USPAT;	12003/11703 18:277
	1	US-4687922-\$ or US-4783139-\$ or	US-PGPUB;	
	1	US-4829355-S or US-4888521-S or	EPO: JPO:	1
!		US-4881008-\$ or US-5077504-\$ or	DERWENT:	
1	1	US-5156936-S or US-5416382-S or	IBM TDB	4
	1	US-5498926-\$ or US-5504386-\$ or		
!		US-5532551-\$ or US-5572089-\$ or	1	1
1	1	US-5594301-8 or US-5619099-8 or		I I
	1	US-5677595-\$ or US-5744908-\$ or	İ	
	'	US-5789861-S or US-5801511-S or		T
1	1	US-5874728-\$ or US-5841231-\$ or	1	
		US-5880458-S or US-5917282-S or		T
	1	US-5936348-\$ or US-5986387-\$).did. or	1	
	1	(US-6005257-\$ or US-6069445-\$ or	1	1
1		US-3771004-\$ or US-RE30249-\$ or		
:	1	US-4184098-\$ or US-4355258-\$ or	1	1
		US-4347458-\$ or US-4426596-\$ or		1
ļ		US-4585935-\$ or US-4649269-\$ or	1	' i
1	1	US-4731538-\$ or US-4760305-\$ or	1	1
	1	US-4794449-\$ or US-4948965-\$ or		1
1		US-4987336-\$ or US-5359187-\$ or	1	Ŷ.
ı		US-5220240-\$ or US-5514928-\$ or		1
	1	US-5635706-\$ or US-5798605-\$ or	!	
!	1	US-5866901-\$ or US-6271511-\$ or		
i	'	US-6265812-\$ or US-6297489-\$ or	!	1
	1	US-4825066-\$ or US-5917281-\$ or	1	1
ļ		US-3628076-\$).did. or (US-3693013-\$ or	!	
1	1	US-3925699-\$ or US-4210681-\$ or		1
	1	US-4393322-\$ or US-4431943-\$ or	1	1
	1	US-4456852-\$ or US-4446401-\$ or	i.	
1	,	US-4563614-\$ or US-4656392-\$ or		
	1	US-6580215-\$).did. or	1	T
1	1	(US-20010001226-\$).did. or	1	1
		(EP-622827-\$).did. or (JP-11102660-\$ or		1
1	1	JP-2000019255-\$ or JP-11102659-\$ or	1	1
i	1	GB-2279497-\$ or EP-539229-\$ or EP-565247-\$		'
1		or JP-08050877-\$ or EP-743672-\$ or	i	1
1	1	US-5594301-\$ or JP-11102656-\$ or		Î.
	4	JP-11102657-\$),did.) and flush	i	1
-		1 , 5504386.pn.	USPAT	2003/11/03 18:27
-	1	1,5504386.pn. and cylind\$8	USPAT	2003/11/03 20:06
-	1	2 4221969.pn. 5796109.pn.	USPAT	2003/11/03 20:07
-		l'4221967.pn.	USPAT	2003/11/03 20:07